**Population Math**

**Formulas:**

Population Density: Total Population

Total area

Crude Birth Rate (CBR): births in a year x 1000

Total pop in year

Crude Death Rate (CDR): deaths in a year x 1000

Total pop in year

Natural Increase Rate (NIR): (CBR-CDR)= %

10

Doubling Time: 70/NIR

Fertility Rate: number of births in a year = %

1000 women of childbearing age

Total Fertility: average number of children women have in their lifetime